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CLAIM AMENDMENTS

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1. (Original) A method of demodulating a pulsewidth-modulated data stream using an asynchronous clock, comprising the steps of:

measuring a temporal aspect of the asynchronous clock; and locking onto the data stream in accordance with the measured periods.

- 2. (Original) The method of claim 1, wherein the temporal aspect is a ratio of measured periods.
- 3. (Currently Amended) The method of claim [[3]] 2, wherein the ratio is 2:1.